

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
10 June 2004 (10.06.2004)

PCT

(10) International Publication Number
WO 2004/049142 A1

(51) International Patent Classification⁷: **G06F 1/00**

(21) International Application Number:
PCT/IB2003/005192

(22) International Filing Date:
17 November 2003 (17.11.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
102 54 657.6 22 November 2002 (22.11.2002) DE

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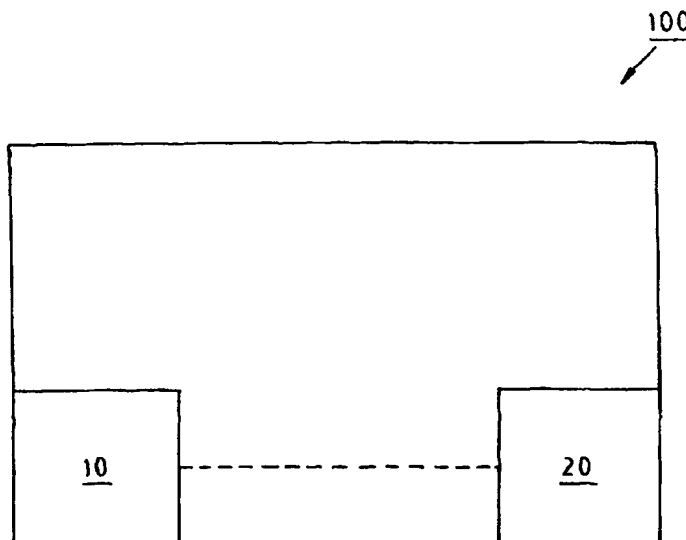
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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,
GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK,
MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT,
RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR,
TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,
SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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(54) Title: MICROCONTROLLER AND ASSIGNED METHOD FOR PROCESSING THE PROGRAMMING OF THE MICRO-
CONTROLLER



(57) Abstract: In order to further develop a microcontroller (100) the programming of which is carried out in at least one machine-dependent assembler language in which the assembler commands, with the exception of conditional program jumps or branches, can be executed in essence independently of data, together with a method for processing the programming of the microcontroller (100) carried out in at least one machine-dependent assembler language, in such a way that the program running on the microcontroller (100) is entirely secret and unpredictable, i.e. is not reproducible, for an external observer, it is proposed that the program jumps or branches are executed - in dependence on the state of at least one random number generator (10) and/or - independently of the internal state of the programming of the microcontroller (100).



Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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